

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-------|------------------|---------|------------------|
| S1 | 924 | dipole\$1 and (dipole\$1 antenna\$2) same (dual plural\$ multiple\$1 different\$2 several\$3 divers\$4) near3 band\$1 | USPAT | OR | OFF | 2008/01/09 12:55 |
| S2 | 307 | dipole\$1 and (dipole\$1) same (dual plural\$ multiple\$1 different\$2 several\$3 divers\$4) near3 band\$1 | USPAT | OR | OFF | 2008/01/09 13:30 |
| S3 | 91 | S2 and (microstrip\$3 micro-strip\$4) | USPAT | OR | OFF | 2008/01/09 12:56 |
| S4 | 197 | dipole\$1 and (dipole\$1) same (dual plural\$ multiple\$1 different\$2 several\$3 divers\$4) near3 band\$1 near15 frequenc\$3 | USPAT | OR | OFF | 2008/01/09 14:21 |
| S5 | 197 | dipole\$1 and (dipole\$1) same (dual plural\$ multiple\$1 different\$2 several\$3) near3 band\$1 near15 frequenc\$3 | USPAT | OR | OFF | 2008/01/09 14:21 |
| S6 | 164 | dipole\$1 and (dipole\$1) same (dual plural\$ multiple\$1 different\$2 several\$3) near3 band\$1 near3 frequenc\$3 | USPAT | OR | OFF | 2008/01/09 14:22 |
| S7 | 41 | dipole\$1 and (dipole\$1) same (dual plural\$ multiple\$1 different\$2 several\$3) near3 band\$1 near3 frequenc\$3.ab,clm. | USPAT | OR | OFF | 2008/01/09 14:22 |
| S8 | 2 | dipole\$1 and (dipole\$1) same (dual plural\$ multiple\$1 different\$2 several\$3) near3 band\$1 near3 frequenc\$3 near8 (separat\$4 discrete\$1).ab,clm. | USPAT | OR | OFF | 2008/01/09 15:09 |
| S9 | 63 | S6 and @ad<="19990901" | USPAT | OR | OFF | 2008/01/09 15:09 |
| S10 | 23 | S7 and @ad<="19990901" | USPAT | OR | OFF | 2008/01/09 15:09 |
| S11 | 2 | ((("5867131") or ("6239765"))).PN. | USPAT | OR | OFF | 2008/01/11 14:29 |
| S12 | 0 | S11 and (microstrip\$ micro-strip\$) | USPAT | OR | OFF | 2008/01/11 14:30 |
| S13 | 69 | dipole\$1 near15 (microstrip\$ micro-strip\$) and (rfid\$2 transponder\$1) | USPAT | OR | OFF | 2008/01/11 14:30 |
| S14 | 67 | dipole\$1 near10 (microstrip\$ micro-strip\$) and (rfid\$2 transponder\$1) | USPAT | OR | OFF | 2008/01/11 14:30 |
| S15 | 35 | dipole\$1 near6 (microstrip\$ micro-strip\$) and (rfid\$2 transponder\$1) | USPAT | OR | OFF | 2008/01/11 14:38 |
| S16 | 27 | S15 and (multiple\$1 plural\$5 dual different\$4) near8 (frequenc\$3 band\$1) | USPAT | OR | OFF | 2008/01/11 14:31 |

EAST Search History

| | | | | | | |
|-----|------|---|-----------------|----|-----|------------------|
| S17 | 1 | (dipole\$1 microstrip\$ micro-strip\$) and "6466131".PN. | USPAT | OR | OFF | 2008/01/11 22:48 |
| S18 | 1 | (dipole\$1 microstrip\$ micro-strip\$) and "20040178912".PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/11 23:44 |
| S19 | 1 | (frequenc\$3 band\$1) and "20040178912".PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/12 00:08 |
| S20 | 233 | (frequenc\$3 band\$1) same horizontal\$ near25 vertical\$4 near25 dipole\$1 | US-PGPUB; USPAT | OR | OFF | 2008/01/12 00:09 |
| S21 | 123 | S20 and @ad<"19990902" | US-PGPUB; USPAT | OR | OFF | 2008/01/12 13:48 |
| S22 | 57 | (frequencies bands) same horizontal\$ near25 vertical\$4 near25 dipole\$1 | US-PGPUB; USPAT | OR | OFF | 2008/01/12 00:09 |
| S23 | 39 | S22 and @ad<"19990902" | US-PGPUB; USPAT | OR | OFF | 2008/01/12 00:10 |
| S24 | 2 | S23 and (microstrip\$ micro-strip\$) | US-PGPUB; USPAT | OR | OFF | 2008/01/12 00:16 |
| S25 | 37 | S23 not S24 | US-PGPUB; USPAT | OR | OFF | 2008/01/12 00:59 |
| S26 | 3 | ((("5726630") or ("5537105") or ("4692769"))).PN. | USPAT | OR | OFF | 2008/01/12 00:59 |
| S27 | 233 | (frequenc\$3 band\$1) same horizontal\$ near25 vertical\$4 near25 dipole\$1 | US-PGPUB; USPAT | OR | OFF | 2008/01/12 14:48 |
| S28 | 123 | S27 and @ad<"19990902" | US-PGPUB; USPAT | OR | OFF | 2008/01/12 14:48 |
| S29 | 2 | S28 and wave\$5 near3 transmission adj line\$1 | US-PGPUB; USPAT | OR | OFF | 2008/01/12 13:48 |
| S30 | 5774 | (frequencies band\$1) same dipole\$1 | US-PGPUB; USPAT | OR | OFF | 2008/01/12 14:49 |
| S31 | 2231 | S30 and @ad<"19990902" | US-PGPUB; USPAT | OR | OFF | 2008/01/12 14:49 |
| S32 | 2231 | S31 and @ad<"19990902" | US-PGPUB; USPAT | OR | OFF | 2008/01/12 14:49 |
| S33 | 247 | S32 and microstrip\$ | US-PGPUB; USPAT | OR | OFF | 2008/01/12 14:49 |
| S34 | 1574 | (frequencies bands) near15 dipole\$1 | US-PGPUB; USPAT | OR | OFF | 2008/01/12 14:50 |
| S35 | 59 | S33 and S34 | US-PGPUB; USPAT | OR | OFF | 2008/01/12 14:51 |
| S36 | 59 | S35 and dipole\$1 | US-PGPUB; USPAT | OR | OFF | 2008/01/12 14:51 |

EAST Search History

| | | | | | | |
|-----|-----|---|------------------------------|----|-----|------------------|
| S37 | 1 | "6239765".pn. and (band\$1 frequenc\$3 dipole\$ microstrip\$ strip\$2 quarter wave\$1 "1/4" transmission line\$1) | USPAT | OR | OFF | 2008/01/13 00:22 |
| S38 | 1 | "6239765".pn. and (band\$1 frequenc\$3 dipole\$ microstrip\$ strip\$2 quarter wave\$1 "1/4" transmission line\$1 Mhz Ghz) | USPAT | OR | OFF | 2008/01/12 23:46 |
| S39 | 7 | ("4686536" "5539414" "5764197" "5767811" "5798737" "5918189" "6107967" "B1 6181283").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/13 00:14 |
| S40 | 20 | (band\$1 frequenc\$3) and dipole\$ same (quarter adj wave\$1 "1/4") near5 (transmission adj line\$1) | USPAT | OR | OFF | 2008/01/13 00:56 |
| S41 | 5 | ((("5867131") or ("4623894") or ("5900808") or ("5229782") or ("5182570")).PN. | USPAT | OR | OFF | 2008/01/13 01:00 |
| S42 | 2 | S41 and (microstrip\$ micro-strip\$) | USPAT | OR | OFF | 2008/01/13 01:05 |
| S47 | 1 | "5565858".pn. and antenna\$ | USPAT | OR | OFF | 2008/01/13 01:27 |
| S48 | 3 | ("5565858" "7075412" "7005985").pn. and antenna\$ near10 ("one" single "same") | USPAT | OR | OFF | 2008/01/13 01:43 |
| S49 | 1 | "5867131".pn. and resona\$ | USPAT | OR | OFF | 2008/01/13 01:43 |
| S50 | 1 | "5726630".pn. and (rfid\$2 identification rf radio) | USPAT | OR | OFF | 2008/01/13 12:20 |
| S51 | 133 | "455"/\$.ccls. and (tune\$1 tuning) near15 batter\$3 | USPAT | OR | OFF | 2008/01/15 15:10 |
| S52 | 2 | "455"/\$.ccls. and (tune\$1 tuning) near15 batter\$3 near10 cover | USPAT | OR | OFF | 2008/01/15 15:11 |
| S53 | 0 | antenna\$2 near15 (tune\$1 tuning) near15 batter\$3 near10 cover | USPAT | OR | OFF | 2008/01/15 15:12 |
| S54 | 0 | antenna\$2 near25 (tune\$1 tuning) near15 batter\$3 near10 cover\$ | USPAT | OR | OFF | 2008/01/15 15:12 |
| S55 | 48 | antenna\$2 near25 (tune\$1 tuning) near15 batter\$3 | USPAT | OR | OFF | 2008/01/15 15:20 |
| S56 | 0 | "20040178912".pn. and (frequenc\$3 antenna\$2) near25 (tune\$1 tuning) near15 batter\$3 | US-PGPUB; USPAT | OR | OFF | 2008/01/15 15:21 |
| S57 | 0 | "20040178912".pn. and (frequenc\$3 antenna\$2) near25 (tune\$1 tuning) near25 batter\$3 | US-PGPUB; USPAT | OR | OFF | 2008/01/15 15:21 |
| S58 | 1 | "20040178912".pn. and (frequenc\$3 antenna\$2) near25 (tune\$1 tuning) near25 (power\$ batter\$3) | US-PGPUB; USPAT | OR | OFF | 2008/01/15 15:26 |
| S59 | 1 | ("5726630").PN. | USPAT | OR | OFF | 2008/01/15 18:21 |

EAST Search History

| | | | | | | |
|-----|---|--|-------|----|-----|------------------|
| S63 | 1 | "5900808".pn. and (balum balun) | USPAT | OR | OFF | 2008/01/15 16:54 |
| S64 | 0 | "5726630".pn. and (batter\$3 active\$2) | USPAT | OR | OFF | 2008/01/15 18:21 |